



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/736,595 Confirmation No.: 5884
Applicant : ARORA, et al.
Filed : December 17, 2003
TC/A.U. : 1761
Examiner : N/A
Docket No. : 1410/77081
Customer No. : 22242
Title: : PROCESS FOR SINGLE-STAGE HEAT TREATMENT
AND GRINDING OF COFFEE BEANS

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop ____
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- (X) **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
 - () **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
 - () the Statement under 37 CFR 1.97(e) (see “Statement under 37 CFR 1.97(e)” below).
 - or*
 - () the fee of \$180 set forth in 37 CFR 1.17(p) (see “Fees” below).
 - () **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see “Statement under 37 CFR 1.97(e)” below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see “Fees” below).
 - () **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see “Statement under 37 CFR 1.704(d)” below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see “Fees” below).
- NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Non-English Language Patents, Publications, or other Information

- (X) In conformance with 37 CFR 1.98(a)(3)(i), a concise explanation of the relevance, as it is presently understood, of European patent document no. 0 787 528 B1, is set forth in the enclosed English-language abstract therefor.

The remainder of the non-patent references are in English.

Copies of the References

- (X) Copies of the non-U.S. patent references listed on the enclosed Form 1449 are enclosed herewith.
- () A copy of the European Search Report is enclosed herewith.
- () The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Statement under 37 CFR 1.97(e)

- () The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- () The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

- () The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

- (X) No fee is owed by the applicant(s).
() The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

- () Attached is a check in the amount of \$180.00.
() Charge Deposit Account No. 06-1135 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)

Authorization to Charge Additional Fees

- () If any additional fees are owed in connection with this communication, please charge Deposit Account No. 06-1135. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

- () Credit Account No. 06-1135.
() Refund

Respectfully submitted,
FITCH, EVEN, TABIN & FLANNERY

Date: June 30, 2004

By Ramon R Hoch
Joseph E. Shipley
Reg. No. 31,137

Ramon R. Hoch
Reg. No. 34,108

120 South LaSalle Street
Suite 1600
Chicago, Illinois 60603-3406
(312) 577-7000

JUN 30 2004

PTO/SB/08A
Substitute for Form PTO-1449**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number		10/736,595	
Filing Date		December 17, 2003	
First Named Inventor		ARORA et al.	
Art Unit		1761	
Examiner Name		Not Yet Assigned	
Sheet	1	of	5
Attorney Docket		1410/77081	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US- 2,316,207	04-13-1943	Winter	
		US- 2,958,472	11-01-1960	Erickson et al.	
		US- 3,678,597	07-25-1972	Stuhlmann et al.	
		US- 3,768,172	10-30-1973	Klein et al.	
		US- 3,821,450	06-28-1974	Stauber	
		US- 3,840,188	10-08-1974	Coombe et al.	
		US- 3,964,175	06-22-1976	Sivetz	
		US- 4,215,151	07-29-1980	Rios et al.	
		US- 4,390,131	06-28-1983	Pickrel	
		US- 4,553,704	11-19-1985	Wilson et al.	
		US- 4,582,264	04-15-1986	Stephanoff, deceased et al.	
		US- 4,860,461	08-29-1989	Tamaki et al.	
		US- 4,875,904	10-24-1989	Munk	
		US- 4,934,608	06-19-1990	Sylla et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵				
		EP 0 787 528 B1	07-14-1999	Fischer		
		EP 1 136 129 A1	09-26-2001	Rowley		
		WO 01/21316 A1	03-29-2001	Clark		
		WO 98/51413	04-29-1998	Berg et al.		
		EP 0 213 645 A1	03-11-1987	Brandt		
		WO 03/006166 A1	01-23-2003	Gomez		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A Substitute for Form PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/736,595
				Filing Date	December 17, 2003
				First Named Inventor	ARORA et al.
				Art Unit	1761
				Examiner Name	Not Yet Assigned
Sheet	2	of	5	Attorney Docket	1410/77081

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US- 4,963,743	10-16-1990	Satake et al.	
		US- 4,970,804	11-20-1990	Hüttlin	
		US- 4,988,590	01-29-1991	Price et al.	
		US- 5,034,609	07-23-1991	Satake et al.	
		US- 5,155,923	10-20-1992	Wireman et al.	
		US- 5,230,281	07-27-1993	Wireman et al.	
		US- 5,236,132	08-17-1993	Rowley, Jr.	
		US- 5,257,574	11-02-1993	Hiromichi	
		US- 5,292,005	03-08-1994	Wireman et al.	
		US- 5,394,623	03-07-1995	Sewell	
		US- 5,423,132	06-13-1995	Graber	
		US- 5,436,023	07-25-1995	Avera	
		US- 5,567,048	10-22-1996	Hammonds	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B Substitute for Form PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/736,595
				Filing Date	December 17, 2003
				First Named Inventor	ARORA et al.
				Art Unit	1761
				Examiner Name	Not Yet Assigned
Sheet	5	of	5	Attorney Docket	1410/77081

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Huslin, A., "A Mighty Wind Against Waste," washingtonpost.com (Monday, December 9, 2002, pg. A01), a printout of: http://www.washingtonpost.com/ac2/wp-dyn?pagename=article&node=&contentID=A28285-2002Dec8&notFound=true , 6 pages, 02-16-2004.	
		Lewis, S., "Kansas Chicken Twisters," Engineers' Forum of Virginia Tech, a printout of: http://filebox.vt.edu/eng/forum/issue_archive/2003_2_april/12_chicken_twisters.htm , 2 pages, 11-13-2003.	
		Garofalo, F., Wichita Eagle Newspaper Article, 1 page, undated.	
		Ichiu, K., "Method For Roasting and Pulverizing Coffee Bean and Apparatus Therefor, Patent Abstracts of Japan, Publication No. 03219837 A, 09-27-1991, 1 page, JPO&Japio.	
		Sadakatsu, S., "Apparatus For Roasting and Grinding Coffee Bean, Patent Abstracts of Japan, Publication No. 03266965 A, 11-27-1991, 1 page, JPO&Japio.	
		Sadakatsu, S., "Roaster For Coffee Bean, Patent Abstracts of Japan, Publication No. 03266966 A, 11-27-1991, 1 page, JPO&Japio.	
		Sadakatsu, S., "Coffee Bean-Roasting and Milling Device, Patent Abstracts of Japan, Publication No. 04304872 A, 10-28-1992, 1 page, JPO&Japio.	
		Haruyoshi, O., "Vortex Grinding and Vortex Grinding Device, Patent Abstracts of Japan, Publication No. 05277927 A, 10-26-1993, 1 page, JPO&Japio.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.